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# Event Types

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## “By-Eye” Guided Event characterization

- Visually scanned all located events and assigned to CCE, CCmu, NC, CCTau
    - CCmu assignment is trivial
    - CCE/NC separation is not
      - Electron ID code fails on some hadronic shower events
  - Tagged the primary electron (evt\_lepton) for CC events
    - If <0 event is NC
    - If =0 event not characterized
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# Motivation

- Reported on differences between CCmu and CCe lepton-hadron angular distributions in Fe & emulsion several months ago
    - Differences believed to be due to NC contamination in the CCe sample
      - CCe → Event with EM energy > 20 GeV associated with an emulsion track
    - Difference in the delta  $\phi$  distribution for CCe and CCmu events
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# Data/MC Histos

- See histogram file embafe.ps